

What is claimed is:

1. A printer controller for controlling a color printer engine, comprising:

interpreter processing means for generating an internal code in band
5 unit from print data;

rasterizing processing means for developing the internal code into
raster data in band unit;

raster data storing means for storing the raster data;

band management processing means for managing the stored raster
10 data in band unit; and

raster data transmitting means for outputting the stored raster data
in a sequence based on management information from the band management
processing means.

15 2. The printer controller of claim 1, further comprising compression
processing means for compressing, in band unit, the raster data developed by
the rasterizing processing means, wherein said raster data storing means
stores the compressed raster data.

20 3. The printer controller of claim 1,
wherein said band management processing means manages the stored
raster data in band unit and attaches a top address of raster data of a next
band of a specific band to the raster data of the specific band as a link
address, and

25 wherein said raster data transmitting means outputs the stored raster
data in a sequence based on the link address.

4. The printer controller of claim 3, further comprising compression processing means for compressing, in band unit, the raster data developed by the rasterizing processing means, wherein said raster data storing means stores the compressed raster data.

5. The printer controller of claim 3, further comprising compression processing means for compressing, in band unit, the raster data to which the top address is attached, wherein said raster data storing means stores the compressed raster data.